

10535723

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LOGINID:sssptal612bxx

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections

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NEWS 29 JUN 25 CA/CAPLUS and USPAT databases updated with IPC  
reclassification data  
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S.  
patent records  
NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional  
options to display authors and affiliated  
organizations  
NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist  
Assistant and BLAST plug-in  
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL  
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008  
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STRUCTURE FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4  
DICTIONARY FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of

Updated Search

10535723

experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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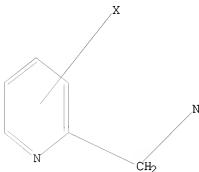
Uploading C:\Documents and Settings\brobinson1\My Documents\723.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:24:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 11959 TO ITERATE

16.7% PROCESSED 2000 ITERATIONS 16 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 232627 TO 245733  
PROJECTED ANSWERS: 1327 TO 2499

L2 16 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:24:12 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 236269 TO ITERATE

100.0% PROCESSED 236269 ITERATIONS 1465 ANSWERS  
SEARCH TIME: 00.00.01

L3 1465 SEA SSS FUL L1

Updated Search

10535723

=> file hcaplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
181.12	181.33

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008  
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FILE COVERS 1907 - 18 Jul 2008 VOL 149 ISS 4  
FILE LAST UPDATED: 17 Jul 2008 (20080717/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3/prep  
461 L3  
4604477 PREP/RL  
L4 311 L3/PREP  
(L3 (L) PREP/RL)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.69	184.02

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008  
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STRUCTURE FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4  
DICTIONARY FILE UPDATES: 17 JUL 2008 HIGHEST RN 1034594-49-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Updated Search

10535723

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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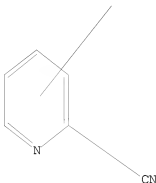
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L5        STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5                STR



Structure attributes must be viewed using STN Express query preparation.

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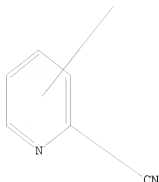
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L6 HAS NO ANSWERS

L6                STR

Updated Search

10535723



Structure attributes must be viewed using STN Express query preparation.

=> s l6

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SAMPLE SCREEN SEARCH COMPLETED - 1118 TO ITERATE

100.0% PROCESSED 1118 ITERATIONS

13 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 20355 TO 24365

PROJECTED ANSWERS: 44 TO 476

L7 13 SEA SSS SAM L6

=> s l6 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:27:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 21442 TO ITERATE

100.0% PROCESSED 21442 ITERATIONS

377 ANSWERS

SEARCH TIME: 00.00.01

L8 377 SEA SSS FUL L6

=> d l8, 1-3

L8 ANSWER 1 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN

RN 1033202-51-5 REGISTRY

ED Entered STN: 09 Jul 2008

CN 2-Pyridinecarbonitrile, 5-fluoro-3-nitro- (CA INDEX NAME)

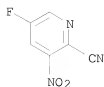
MF C6 H2 F N3 O2

SR Chemical Catalog

Supplier: ChemPacific USA Sales Marketing and Research Center

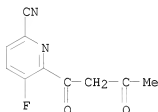
Updated Search

10535723



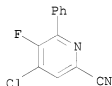
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 2 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 1020040-01-0 REGISTRY  
ED Entered STN: 08 May 2008  
CN 2-Pyridinecarbonitrile, 6-(1,3-dioxobutyl)-5-fluoro- (CA INDEX NAME)  
MF C10 H7 F N2 O2  
SR Chemical Catalog  
Supplier: ChemMaker



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 3 OF 377 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 1019930-24-5 REGISTRY  
ED Entered STN: 07 May 2008  
CN 2-Pyridinecarbonitrile, 4-chloro-5-fluoro-6-phenyl- (CA INDEX NAME)  
MF C12 H6 Cl F N2  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

Updated Search

## 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> file hcaplus
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                186.20      370.22

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008
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FILE COVERS 1907 - 18 Jul 2008  VOL 149 ISS 4
FILE LAST UPDATED: 17 Jul 2008  (20080717/ED)
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HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> d his
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(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)
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FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008
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L1      STRUCTURE UPLOADED
L2      16 S L1
L3      1465 S L1 FULL
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FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008
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L4      311 S L3/PREP
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FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008
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L5      STRUCTURE UPLOADED
L6      STRUCTURE UPLOADED
L7      13 S L6
L8      377 S L6 FULL
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FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008
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=> s 18/rct
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643 L8  
3121580 RCT/RL  
L9 532 L8/RCT  
(L8 (L) RCT/RL)

=> s 19 and 14  
L10 51 L9 AND L4

=> s 110 and raney?  
28686 RANEY?  
L11 1 L10 AND RANEY?

=> d 111, ibib abs hitstr, 1

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS ON STN  
ACCESSION NUMBER: 2004:427623 HCAPLUS  
DOCUMENT NUMBER: 141:7024  
TITLE: A novel process for the preparation of  
2-aminomethylpyridine derivatives via Ni-catalyzed  
hydrogenation of 2-cyanopyridine derivatives  
Vangelisti, Manuel  
INVENTOR(S): Bayer Cropscience Sa, Fr.  
PATENT ASSIGNEE(S): Eur. Pat. Appl., 6 pp.  
SOURCE: CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1422221	A1	20040526	EP 2002-356236	20021120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO 2004046114	A1	20040603	WO 2003-EP14892	20031118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003290121	A1	20040615	AU 2003-290121	20031118
BR 2003014461	A	20050726	BR 2003-14461	20031118
EP 1565440	A1	20050824	EP 2003-782483	20031118
EP 1565440	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1711244	A	20051221	CN 2003-80103328	20031118
JP 2006508143	T	20060309	JP 2004-552709	20031118
AT 348811	T	20070115	AT 2003-782483	20031118
ES 2274297	T3	20070516	ES 2003-782483	20031118
US 20060004206	A1	20060105	US 2005-535723	20050520

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PRIORITY APPLN. INFO.:

EP 2002-356236

A 20021120

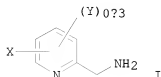
WO 2003-EP14892

W 20031118

OTHER SOURCE(S):

CASREACT 141:7024; MARPAT 141:7024

GI



AB The invention relates to a process for the preparation of 2-aminomethylpyridine derivs. of formula I [wherein: X is halogen atom; each Y may be the same or different and may be a halogen atom, a halogenoalkyl, an alkoxy carbonyl or an alkylsulfonyl], useful as intermediates for preparation of pesticides.

2-Aminomethyl-3-chloro-5-trifluoromethylpyridine was prepared via Raney Ni-catalyzed hydrogenation of 2-cyano-3-chloro-5-trifluoromethylpyridine with a yield of 97%. The advantages of the proposed preparation of 2-aminomethylpyridine derivs. include the use of Raney nickel catalyst instead of expensive Pd catalyst (the Pd-catalyzed hydrogenation suffers from the disadvantage of dehalogenation reaction; Pd is also very sensitive to catalysts poisons).

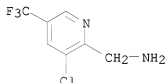
IT 175277-74-4P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(novel process for the preparation of aminomethylpyridine derivs. via Raney Ni-catalyzed hydrogenation of cyanopyridine derivs.)

RN 175277-74-4 HCAPLUS

CN 2-Pyridinemethanamine, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)



IT 80194-70-3

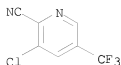
RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant; novel process for the preparation of aminomethylpyridine derivs. via Raney Ni-catalyzed hydrogenation of cyanopyridine derivs.)

RN 80194-70-3 HCAPLUS

CN 2-Pyridinecarbonitrile, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)

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REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008

L1 STRUCTURE UPLOADED

L2 16 S L1

L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008

L4 311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008

L5 STRUCTURE UPLOADED

L6 STRUCTURE UPLOADED

L7 13 S L6

L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008

L9 532 S L8/RCT

L10 51 S L9 AND L4

L11 1 S L10 AND RANEY?

=> s l10 and nickel?

681147 NICKEL?

L12 2 L10 AND NICKEL?

=> s l12 not l11

L13 1 L12 NOT L11

=> d l13, ibib abs hitstr, 1

L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2002:157737 HCAPLUS

DOCUMENT NUMBER: 136:200109

TITLE: Process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines.

INVENTOR(S): Dann, Norman; Riordan, Peter Dominic; Amin, Mehul Rasikchandra; Mellor, Michael

PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.

SOURCE: PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

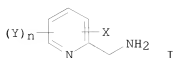
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

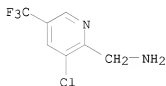
Updated Search

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002016322	A2	20020228	WO 2001-EP10984	20010821
WO 2002016322	A3	20020606		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1199305	A1	20020424	EP 2001-420128	20010607
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CA 2415842	A1	20020228	CA 2001-2415842	20010821
AU 2002013948	A	20020304	AU 2002-13948	20010821
EP 1311483	A2	20030521	EP 2001-982337	20010821
EP 1311483	B1	20061220		
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BR 2001013259	A	20030715	BR 2001-13259	20010821
JP 2004506716	T	20040304	JP 2002-521198	20010821
RU 2266900	C2	20051227	RU 2003-107931	20010821
CN 1721406	A	20060118	CN 2005-10088220	20010821
AU 2002213948	B2	20060817	AU 2002-213948	20010821
AT 348810	T	20070115	AT 2001-982337	20010821
EP 1746089	A1	20070124	EP 2006-120806	20010821
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TW 287538	B	20071001	TW 2001-90120533	20010821
IN 2003MN00064	A	20050204	IN 2003-MN64	20030113
KR 818566	B1	20080401	KR 2003-702724	20030225
US 20040049048	A1	20040311	US 2003-362728	20030611
US 6921828	B2	20050726		
US 20050250947	A1	20051110	US 2005-177118	20050708
US 7321043	B2	20080122		
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PRIORITY APPLN. INFO.:			GB 2000-21066	A 20000825
			GB 2000-25616	A 20001019
			EP 2001-420128	A 20010607
			CN 2001-814622	A3 20010821
			EP 2001-982337	A3 20010821
			WO 2001-EP10984	W 20010821
			IN 2003-MN64	A3 20030113
			US 2003-362728	A1 20030611
OTHER SOURCE(S):	CASREACT 136:200109; MARPAT 136:200109			
GI				

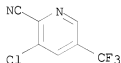


- AB Title compds. (I; X = halo; Y = halo, haloalkyl, alkoxycarbonyl, alkylsulfonyl; n = 0-3) were prepared by catalytic hydrogenation of the corresponding 2-cyano derivs. Thus, 3-chloro-2-cyano-5-trifluoromethylpyridine (preparation given) was hydrogenated in MeOH over Pd/C containing HCl at 1 atmospheric to give 95-97% 2-aminomethyl-3-chloro-5-trifluoromethylpyridine hydrochloride.
- IT 326476-49-7P, 2-Aminomethyl-3-chloro-5-trifluoromethylpyridine hydrochloride  
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)  
 (process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines)
- RN 326476-49-7 HCAPLUS
- CN 2-Pyridinemethanamine, 3-chloro-5-(trifluoromethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

- IT 80194-70-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (process for preparation of 2-aminomethylpyridines by catalytic hydrogenation of 2-cyanopyridines)
- RN 80194-70-3 HCAPLUS
- CN 2-Pyridinecarbonitrile, 3-chloro-5-(trifluoromethyl)- (CA INDEX NAME)



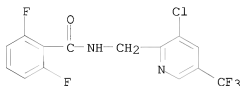
- IT 239110-08-8P 239110-15-7P 239110-23-7P  
 239110-27-1P 239110-28-2P 239110-62-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (process for preparation of 2-aminomethylpyridines by catalytic

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hydrogenation of 2-cyanopyridines)

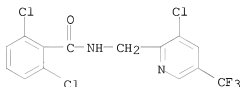
RN 239110-08-8 HCAPLUS

CN Benzamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2,6-difluoro- (CA INDEX NAME)



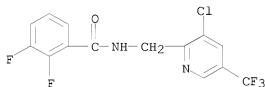
RN 239110-15-7 HCAPLUS

CN Benzamide, 2,6-dichloro-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (CA INDEX NAME)



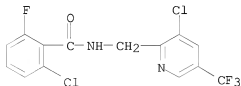
RN 239110-23-7 HCAPLUS

CN Benzamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2,3-difluoro- (CA INDEX NAME)



RN 239110-27-1 HCAPLUS

CN Benzamide, 2-chloro-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-6-fluoro- (CA INDEX NAME)

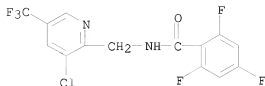


RN 239110-28-2 HCAPLUS

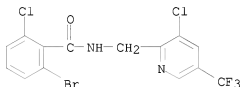
CN Benzamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2,4,6-trifluoro- (CA INDEX NAME)

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RN 239110-62-4 HCAPLUS  
CN Benzamide, 2-bromo-6-chloro-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (CA INDEX NAME)



=> file caold		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
	18.97	389.19
FULL ESTIMATED COST		
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
	-1.60	-1.60
CA SUBSCRIBER PRICE		

FILE 'CAOLD' ENTERED AT 11:29:16 ON 18 JUL 2008  
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

Updated Search

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008

L1 STRUCTURE UPLOADED  
 L2 16 S L1  
 L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008

L4 311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008

L5 STRUCTURE UPLOADED  
 L6 STRUCTURE UPLOADED  
 L7 13 S L6  
 L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008

L9 532 S L8/RCT  
 L10 51 S L9 AND L4  
 L11 1 S L10 AND RANEY?  
 L12 2 S L10 AND NICKEL?  
 L13 1 S L12 NOT L11

FILE 'CAOLD' ENTERED AT 11:29:16 ON 18 JUL 2008

=> s l3 and l8  
 0 L3  
 10 L8  
 L14 0 L3 AND L8

=&gt; file casreact

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.46	389.65
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.60

FILE 'CASREACT' ENTERED AT 11:29:40 ON 18 JUL 2008

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FILE CONTENT:1840 - 12 Jul 2008 VOL 149 ISS 3

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\*\*\*\*\*  
 \* CASREACT now has more than 13.8 million reactions \*



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\*  
\*\*\*\*\*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\asdfnu.str

L15        STRUCTURE UPLOADED

=> s l15

SAMPLE SEARCH INITIATED 11:39:18 FILE 'CASREACT'  
SCREENING COMPLETE -            0 REACTIONS TO VERIFY FROM            0 DOCUMENTS  
  
100.0% DONE            0 VERIFIED            0 HIT RXNS            0 DOCS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                             BATCH    \*\*COMPLETE\*\*  
PROJECTED VERIFICATIONS:    0 TO    0  
PROJECTED ANSWERS:         0 TO    0

L16            0 SEA SSS SAM L15 (        0 REACTIONS)

=> s l15 full

THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 117.50 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
FULL SEARCH INITIATED 11:39:23 FILE 'CASREACT'  
SCREENING COMPLETE -            40 REACTIONS TO VERIFY FROM            9 DOCUMENTS  
  
100.0% DONE            40 VERIFIED            12 HIT RXNS            1 DOCS  
SEARCH TIME: 00.00.01

L17            1 SEA SSS FUL L15 (        12 REACTIONS)

=> d l17, ibib abs hitrxn, 1

'HITRXN' IS NOT A VALID FORMAT FOR FILE 'CASREACT'

The following are valid formats:

ABS ----- GI and AB  
ALL ----- BIB, AB, IND, RE, Single-step Reactions  
APPS ----- AI, PRAI  
BIB ----- AN, plus Bibliographic Data  
CAN ----- List of CA abstract numbers without answer numbers  
CBIB ----- AN, plus Compressed Bibliographic Data  
DALL ----- ALL, delimited (end of each field identified)  
IABS ----- ABS, indented with text labels  
IALL ----- ALL, indented with text labels  
IBIB ----- BIB, indented with text labels  
IND ----- Indexing data

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IPC ----- International Patent Classifications  
 ISTD ----- STD, indented with text labels  
 OBIB ----- AN, plus Bibliographic Data (original)  
 OIBIB ----- OBIB, indented with text labels  
  
 SBIB ----- BIB, no citations  
 SIBIB ----- IBIB, no citations  
  
 MAX ----- Same as ALL  
 PATS ----- PI, SO  
 SCAN ----- TI and FCRD (random display, no answer number. SCAN  
 must be entered on the same line as DISPLAY, e.g.,  
 D SCAN.)  
 SSRX ----- Single-Step Reactions (Map, Diagram, and Summary for  
 all single-step reactions)  
 STD ----- BIB, IPC, and NCL  
  
 CRD ----- Compact Display of All Hit Reactions  
 CRDREF ----- Compact Reaction Display and SO, PY for Reference  
 FHIT ----- Reaction Map, Diagram, and Summary for first  
 hit reaction  
 FHITCBIB --- FHIT, AN plus CBIB  
 FCRD ----- First hit in Compact Reaction Display (CRD) format  
 FCRDREF ---- First hit in Compact Reaction Display (CRD) format with  
 CA reference information (SO, PY). (Default)  
 FPATH ----- PATH, plus Reaction Summary for the "long path"  
 FSPATH ----- SPATH, plus Reaction Summary for the "short path"  
 HIT ----- Reaction Map, Reaction Diagram, and Reaction  
 Summary for all hit reactions and fields containing  
 hit terms  
 OCC ----- All hit fields and the number of occurrences of the  
 hit terms in each field. Includes total number of  
 HIT, PATH, SPATH reactions. Labels reactions that have  
 incomplete verifications.  
 PATH ----- Reaction Map and Reaction Diagram for the "long  
 path". Displays all hit reactions, except those  
 whose steps are totally included within another hit  
 reaction which is displayed  
 RX ----- Hit Reactions (Map, Diagram, Summary for all hit reactions)  
 RXG ----- Hit Reaction Graphics (Map and Diagram for all hit reactions)  
 RXL ----- Hit Reaction Long (Map, Diagram, Summary for all hit reactions)  
 RXS ----- Hit Reaction Summaries (Map and Summary for all hit reactions)  
 SPATH ----- Reaction Map and Reaction Diagram for the "short  
 path". Displays all single step reactions which  
 contain a hit substance. Also displays those  
 multistep reactions that have a hit substance in both  
 the first and last steps of the reaction, except for  
 those hit reactions whose steps are totally included  
 within another hit reaction which is displayed

To display a particular field or fields, enter the display field  
 codes. For a list of the display field codes, enter HELP DFIELDS  
 at an arrow prompt (=>). Examples of combinations include: D TI;  
 D BIB RX; D TI, AU, FCRD. The information is displayed in the same order  
 as the specification. All of the formats, except CRD, CRDREF, FHIT, PATH,  
 FPATH, SPATH, FSPATH, FCRD, FCRDREF, HIT, RX, RXG, RXS, SCAN, and OCC, may

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be used with the DISPLAY command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (FCRDREF):end

=> d his

(FILE 'HOME' ENTERED AT 11:20:07 ON 18 JUL 2008)

FILE 'REGISTRY' ENTERED AT 11:20:18 ON 18 JUL 2008

L1 STRUCTURE UPLOADED

L2 16 S L1

L3 1465 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:24:20 ON 18 JUL 2008

L4 311 S L3/PREP

FILE 'REGISTRY' ENTERED AT 11:24:27 ON 18 JUL 2008

L5 STRUCTURE UPLOADED

L6 STRUCTURE UPLOADED

L7 13 S L6

L8 377 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 11:27:35 ON 18 JUL 2008

L9 532 S L8/RCT

L10 51 S L9 AND L4

L11 1 S L10 AND RANEY?

L12 2 S L10 AND NICKEL?

L13 1 S L12 NOT L11

FILE 'CAOLD' ENTERED AT 11:29:16 ON 18 JUL 2008

L14 0 S L3 AND L8

FILE 'CASREACT' ENTERED AT 11:29:40 ON 18 JUL 2008

L15 STRUCTURE UPLOADED

L16 0 S L15

L17 1 S L15 FULL

=> d l17, ibib abs fhit, 1

L17 ANSWER 1 OF 1 CASREACT COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 143:133274 CASREACT

TITLE: Preparation of arylsulfonfyl-substituted indoles as CBI receptor modulators

INVENTOR(S): Allen, Jennifer Rebecca; Amegadzie, Albert Kudzovi; Gardinier, Kevin Matthew; Gregory, George Stuart; Hitchcock, Steven Andrew; Hoogestraat, Paul J.; Jones, Winton Dennis, Jr.; Smith, Daryl Lynn

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 204 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

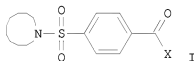
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

Updated Search

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066126	A1	20050721	WO 2004-US39763	20041213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AW, BH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004312311	A1	20050721	AU 2004-312311	20041213
CA 2549396	A1	20050721	CA 2004-2549396	20041213
EP 1699761	A1	20060913	EP 2004-812310	20041213
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
BR 2004018079	A	20070417	BR 2004-18079	20041213
JP 2007519631	T	20070719	JP 2006-547015	20060615
US 20070088018	A1	20070419	US 2006-596495	20060615
US 7276516	B2	20071002		
MX 2006PA07199	A	20060914	MX 2006-PA7199	20060622
NO 2006003381	A	20060920	NO 2006-3381	20060721
PRIORITY APPLN. INFO.:			US 2003-532247P	20031223
			WO 2004-US39763	20041213
OTHER SOURCE(S):	MARPAT 143:133274			
GI				

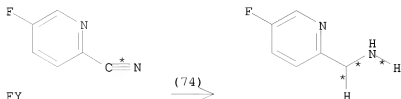


AB Title compds. I [the nitrogen containing ring = indolyl, pyrrolopyridinyl, etc.; X = amino, etc.] are prepared For instance,. N-(4-Fluorobenzyl)-4-[(3-phenylpyrrolo[3,2-c]pyridine-1-yl)sulfonyl]benzamide is prepared from 3-Phenyl-1H-pyrrolo[3,2-c]pyridine (preparation given) and 4-(4-Fluorobenzylcarbamoyl)benzenesulfonyl chloride (THF, KOBu-t, 16 h). Compds. of the invention exhibit IC50 ≤ 5 μM for the CB1 and CB2 receptors. I are useful in the treatment of psychosis, memory deficits, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders (e.g., multiple sclerosis, Guillain-Barre syndrome and the inflammatory sequelae of viral encephalitis), cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease and schizophrenia. I are also useful for the treatment of substance abuse disorders, particularly to opiates, alc., and nicotine and for the treatment of obesity or eating disorders associated with excessive food

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intake and complications associated therewith.

RX(74) OF 720 ...FY ==> FZ...



● 2 HCl

FZ  
YIELD 95%

RX(74) RCT FY 327056-62-2

STAGE(1)

RGT DV 7664-41-7 NH<sub>3</sub>, DW 7440-02-0 Ni

SOL 64-17-5 EtOH, 1333-74-0 H<sub>2</sub>

CON 16 hours, 70 deg C, 500 psi

STAGE(2)

RGT M 7647-01-0 HCl

SOL 7732-18-5 Water, 123-91-1 Dioxane

PRO FZ 859164-78-6

REFERENCE COUNT: 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Updated Search